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## Patent Abstracts of Japan

PUBLICATION NUMBER : 07035201

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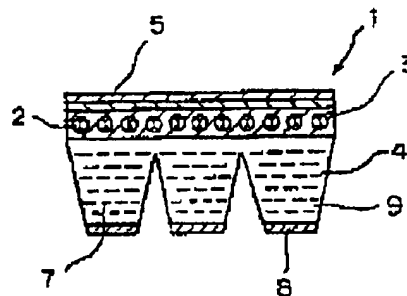
APPLICATION NUMBER : 05199252

APPLICANT : MITSUBOSHI BELTING LTD;

INVENTOR : TAKEDA KAZUHIRO;

INT.CL. : F16G 5/00 B29D 29/08 C08J 5/14  
F16G 5/20 // B29K277:00 C08L 9:02

TITLE : V-RIBBED BELT



ABSTRACT : PURPOSE: To provide a V-ribbed belt which excels in resistance against crack, heat, lateral pressure, and bending, prolongs its service life greatly, and reduces noise.

CONSTITUTION: It is a V-ribbed belt which consists of a bonded rubber layer 3 in which a core wire 2 is embedded along the direction of belt length and a compressed rubber layer 4 which has a plurality of rib sections 7 which extend along the direction of belt length. A rubber composition in which minute fiber reinforcing rubber in which nitrile hydride rubber having the same quality as or similar quality to rubber is graft-combined with polyamide fiber whose diameter is 1.0 $\mu$ m or less is added to nitrile hydride rubber in which more than 80% or carbon double bonds are hydrogenated is provided at a tip 8 of the rib section. A rubber composition which contains short fibers having larger diameter than that of the polyamide fiber in the nitrile hydride rubber is further used in the other region 9 of the rib section.

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